

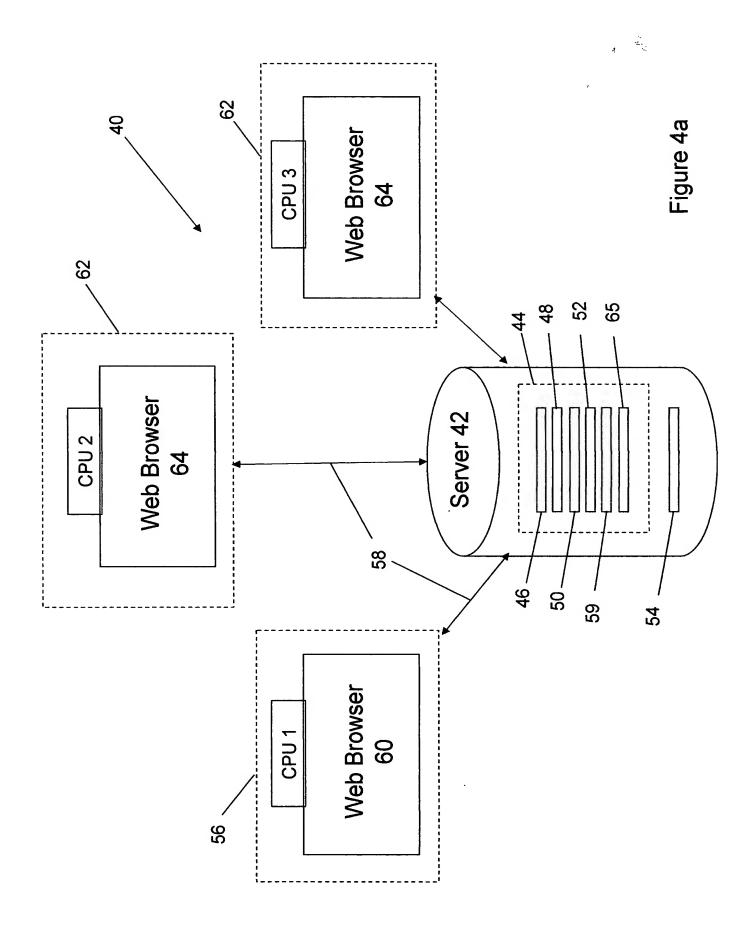
Figure 1 (Prior Art)

Probability	0.1	0.3	0.5	0.7	0.9
Criteria	Remote	Unlikely	Likely	Highly Likely	Near Certainty
Probability	∢	ω	O	۵	Ш

Figure 2 (Prior Art)

Impac t	Technical	Schedule	Cost
0	Does not apply	Does not apply	Does not apply
-	Minimal impact	Minimal impact	Minimal impact
7	Acceptable with some reduction in margin	Additional resources required, able to satisfy	\$
m	Acceptable with significant reduction in margin	Minor slip in key milestones; not able to meet need date	5-7%
4	Acceptable, no remaining margin	Major slip in key milestones or critical path impacted	7-10%
2	Unacceptable major program milestone	Cant achieve key milestone	> 10%

Figure 3 (Prior Art)



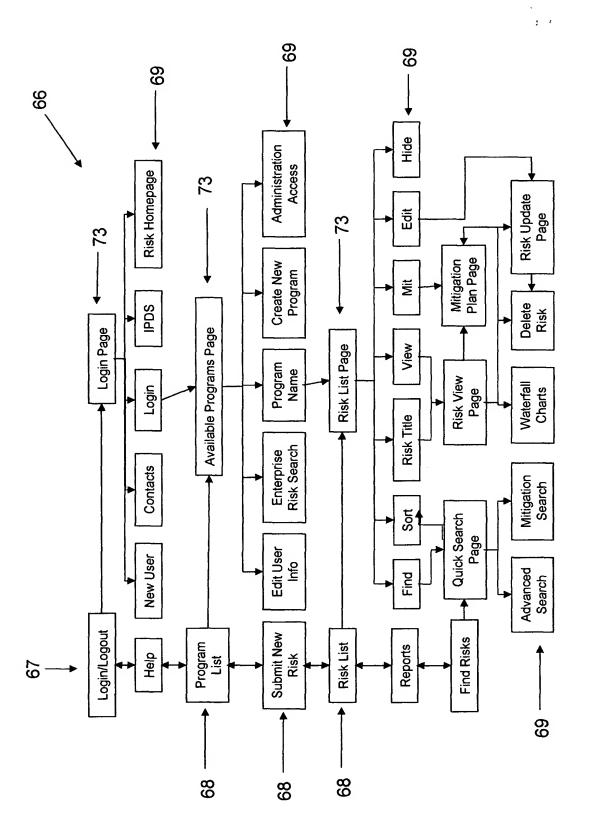


Figure 4b

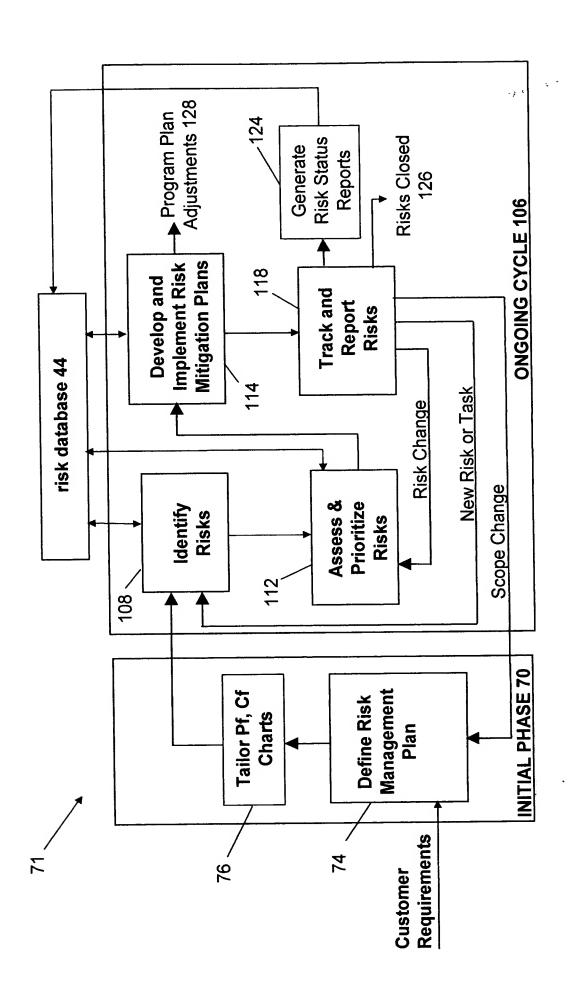


Figure 5

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Figure 6

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Figure 7

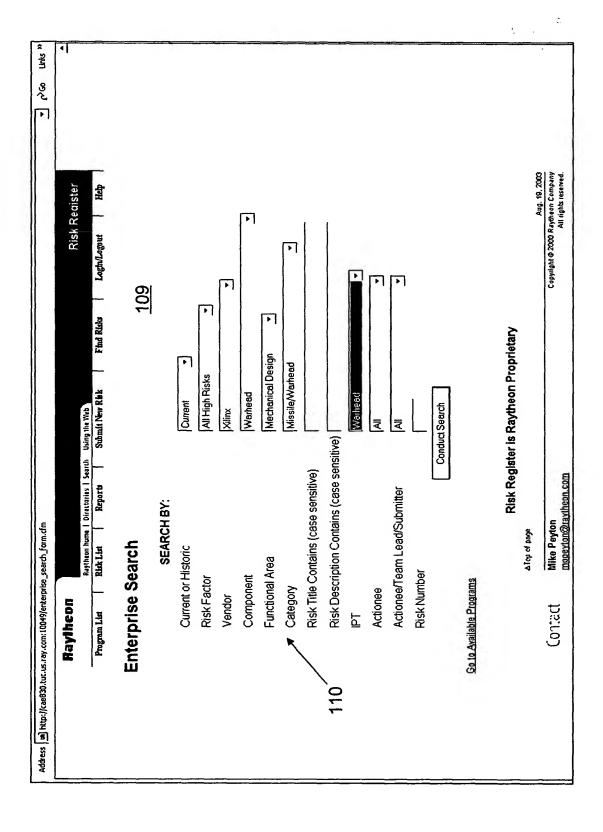


Figure 8a

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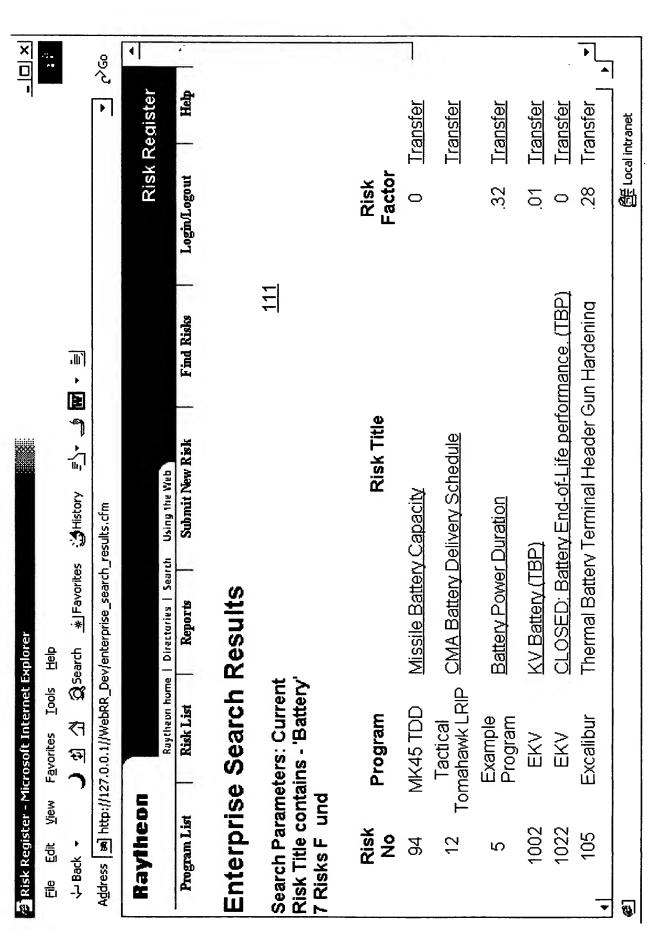


Figure 8b

Figure 9

	Performance (Tech) Impact 90	) Impact 90	Cost Impact 86		Schedule Impact 88	88
Rating	Alternatives	Performance	Program Threat	Amount	Program Slip	AMOUNT*
1.0	No alternatives exist; Tech breakthrough reqd.	Key Rqmts not met; Inadequate	Program threat is certain	NRE>\$1 M Unit>\$500	Major prog. milestones moved; Prog threatened	>4.5 months
6.0	Significant Redesign reqd.	Unacceptable unmet rqmts	Major impact to cust/contract costs	NRE>\$900K Unit>\$450	Major impact to customer or contract plans	>4 months
8.0	Redesign or alternate reqd to achieve.	Degradation affecting usability	Affects other activities; Cost goal in jeopardy.	>\$800K Unit>\$400	Critical path events are threatened; entire schedule jeopardized.	>3.5 months
0.7	No adequate backup.	Significant chg from plan	Changes require revision w/cust.	NRE>\$700K Unit>\$350	NRE>\$700K Intermediate milestones Unit>\$350 require revision w/ cust.	>3 months
9.0	Inferior backup.	Degraded	Significant rebudgeting reqd.	NRE>\$600K Unit>\$300	Significant program rescheduling required	>2.5 months
0.5	Possible alternative exists.	Moderately Reduced	Some rebudgeting required.	NRE>\$500K Unit>\$250	Some program changes; critical path affected.	>2 months
4.0	An adequate alternative exists.	Slight rqmt reduction	Changes within mgmt reserve.	NRE>\$400K Unit>\$200	Internal milestones chgd. Schd slip w/ alternatives	>1.5 months
0.3	D.3 A few adequate Minor rqmt alternatives exist deficiency		Minor within budgeted range.	NRE>\$300K Unit>\$150	Minor within NRE>\$300K Subsystem slip within IPT >1 month budgeted range. Unit>\$150 Requires workaround.	>1 month

## Figure 10

Figure 11

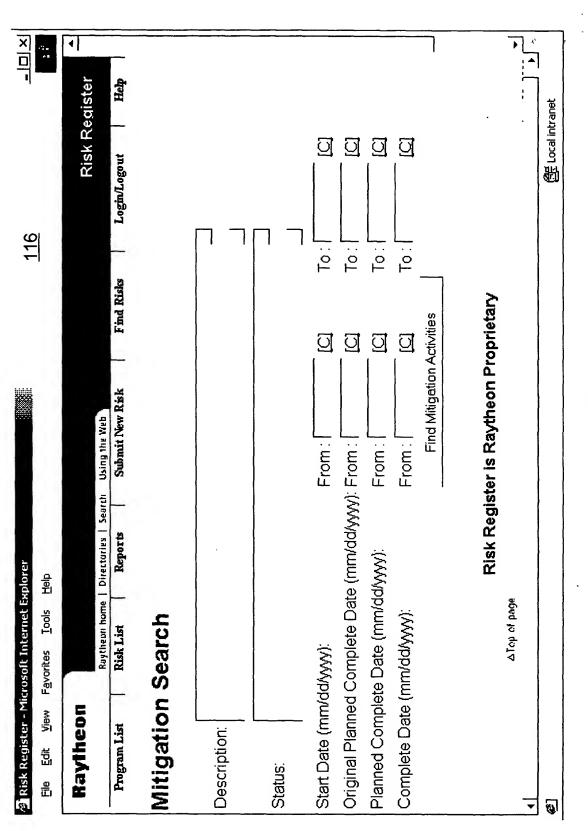


Figure 12a

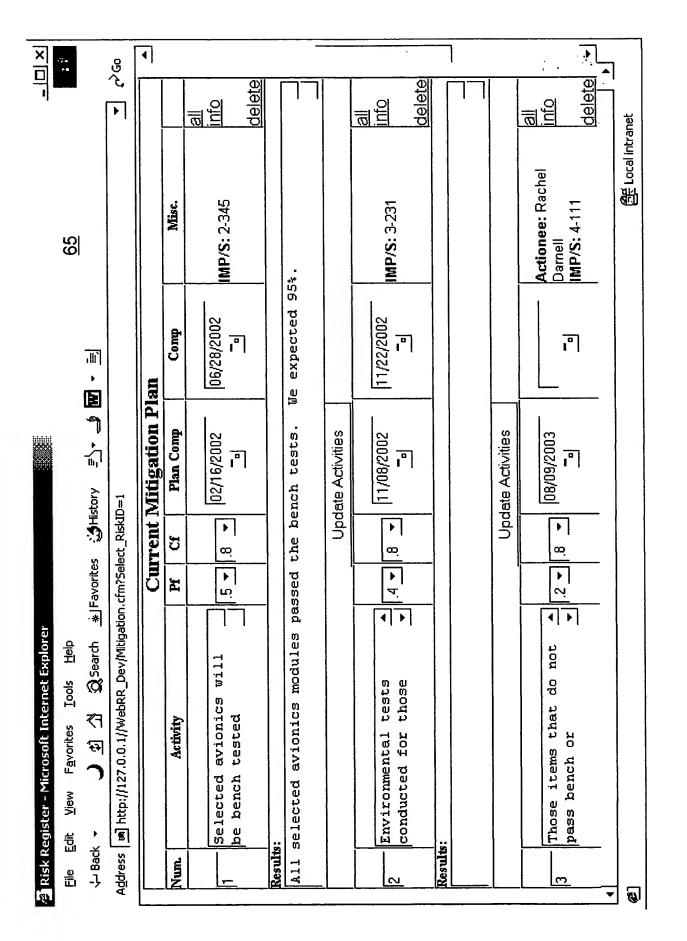


Figure 12b

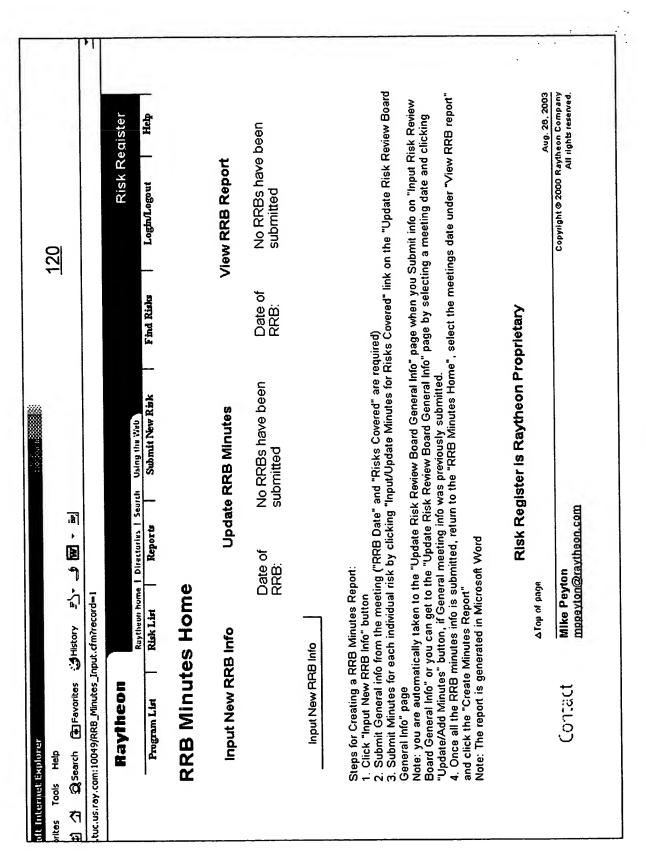


Figure 13a

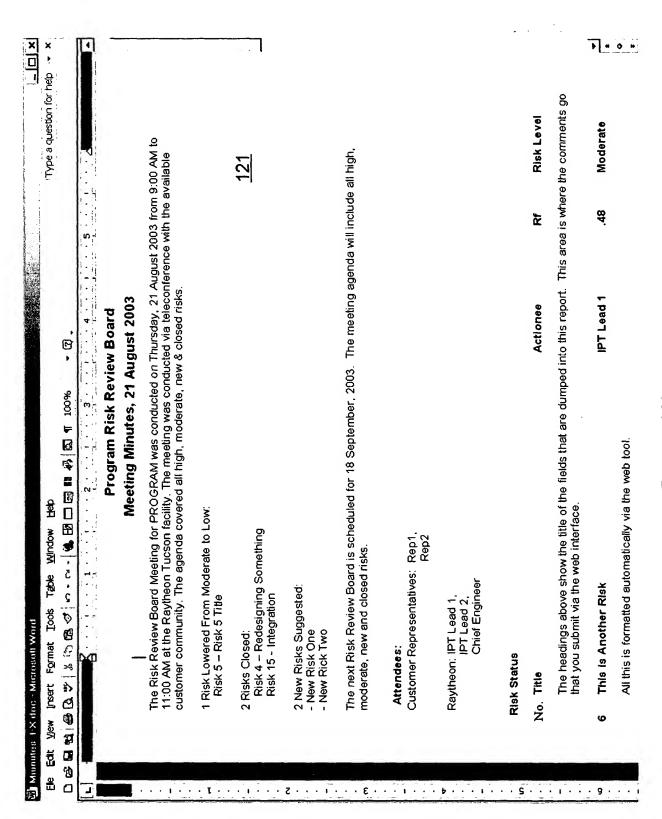


Figure 13b

Figure 13c

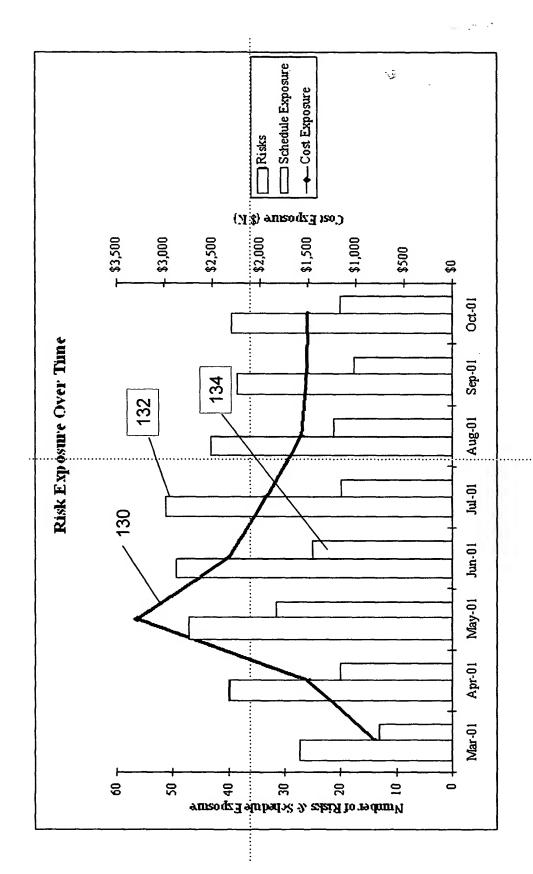


Figure 14